

IN THE CLAIMS:

1 - 31. Canceled.

32. (Currently Amended) An isolated nucleic acid molecule encoding a B1 domain of protein G (GB1) domain polypeptide which binds a Fab fragment of an immunoglobulin G (IgG) but does not bind a Fc fragment of an IgG.

33. (Original) The isolated nucleic acid molecule of claim 32, wherein the encoded polypeptide comprises an amino acid sequence selected from among SEQ ID NO's:6, 8, 10, 12, 14, 16, 18, 20, 22 and 24.

34. (Original) The isolated nucleic acid molecule of claim 33, further defined as comprising a GB1 domain polypeptide-encoding nucleic acid molecule selected from among SEQ ID NO's:5, 7, 9, 11, 15, 17, 19, 21 and 23.

35. (Currently Amended) The isolated nucleic acid molecule of claim ~~[[32]]33~~, further defined as wherein the isolated nucleic acid molecule comprises a DNA segment.

36. (Currently Amended) The isolated nucleic acid molecule of claim ~~[[32]]34~~, further defined as wherein the isolated nucleic acid molecule is positioned under the control of a promoter.

37. (Currently Amended) The isolated nucleic acid molecule of claim ~~[[32]]33~~, further defined as wherein the isolated nucleic acid molecule is inserted in a recombinant vector.

38. (Original) The isolated nucleic acid molecule of claim 37, wherein the vector is a recombinant expression vector.

39. (Original) A recombinant host cell comprising the isolated nucleic acid molecule of claim 32.

40. (Original) The recombinant host cell of claim 39, wherein the host cell is a procaryotic cell.

41. (Original) The recombinant host cell of claim 39, wherein the host cell is a eukaryotic cell.

42-56 (Canceled)

Application Serial No.: 10/672,108

Please add the following new claim:

57. (New) The isolated nucleic acid molecule of claim 32, wherein the encoded polypeptide comprises an amino acid sequence selected from among SEQ ID NO's: 25, 26, 27, 28, 29, and 30.